

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 7,037,223 B2
APPLICATION NO. : 10/734645
DATED : May 2, 2006
INVENTOR(S) : Todd A. Kuhn

Page 1 of 3

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

In the claims

In column 7, lines 7-9, delete claim 26 printed

In column 6, line 38 through column 8, line 7, delete claims 14-28 as printed and insert therefor:

14. A broadhead arrowhead comprising:

a ferrule; and

a blade assembly coupled to and extending outwardly from said ferrule in two directions diametrically opposite each other about the longitudinal axis of said ferrule, said blade assembly having an air-foil type shape comprising:

a first substantially planar blade portion disposed in a plane at least substantially parallel to the longitudinal axis of said ferrule and

two second portions, wherein said second portions are each disposed at an angle to the plane of said first planar portion and said second portions are also disposed at an angle to the longitudinal axis of said ferrule;

wherein said second portions are both generally continuously curved and are both angled relative to said first planar portion in the same rotational direction; and

wherein said first portion of said blade assembly is coupled to said ferrule.

15. An arrowhead according to claim 14, comprising means for mounting said arrowhead to an arrow shaft.

16. An arrowhead according to claim 15, wherein said arrowhead mounting means comprises a stub member extending from one end of said ferrule substantially coaxial with the longitudinal axis of said ferrule.

17. An arrowhead according to claim 14, wherein one end portion of said said first blade portion is tapered substantially to a point.

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It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

18. An arrowhead according to claim 14, wherein said second portion is disposed at an angle of between about 5° and about 25° relative to the plane of said first substantially planar portion.

19. An arrowhead according to claim 14, wherein said second portion has a length of between about 20% and about 50% of the overall length of said blade assembly.

20. An arrowhead according to claim 14, wherein said second blade portion has a radius of curvature between about 0.2" and 0.5".

21. An arrowhead according to claim 14, wherein said second portion has a trailing edge region disposed at an angle to said ferrule.

22. An arrowhead according to claim 21, wherein said trailing edge region is disposed at an angle to said ferrule in the range of about 5 degrees and about 45 degrees.

23. An arrowhead according to claim 22, wherein said trailing edge region is disposed at an angle to said ferrule in the range of about 5 degrees and about 35 degrees.

24. An arrowhead according to claim 14, further comprising at least one bleeder blade which includes a second bleeder blade portion disposed at an angle relative to the major plane of said first blade portion.

25. An arrowhead according to claim 24, wherein said second bleeder blade portion is disposed at an angle to said ferrule in the range of about 30 and about 70 degrees.

26. An arrowhead according to claim 25, wherein said second bleeder blade portion is disposed at an angle to said ferrule in the range of about 45 and about 60 degrees.

27. An arrowhead according to claim 14, wherein said first substantially planar blade portion has at least one cutout section therein to permit air to pass therethrough.

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It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

28. An arrowhead according to claim 27, wherein said first substantially planar blade portion has a plurality of cutout sections therein to permit air to pass therethrough.

Signed and Sealed this

Twelfth Day of September, 2006

A handwritten signature in black ink, appearing to read "Jon W. Dudas". The signature is stylized with a large, looped initial "J" and a distinct "D" at the end.

JON W. DUDAS
Director of the United States Patent and Trademark Office